

CLAIMS

1. A plant virus vector characterized in that a part of the sequence of the 2b region of the RNA2 molecule of the Cucumber mosaic virus (CMV) is deleted, and a foreign gene introduction site is inserted into the part of the sequence.

2. The plant virus vector according to Claim 1, wherein the region from the StuI site to the stop codon of the 2b ORF of pCY2, which is an infectious clone of CMV-Y RNA2, is deleted.

3. The plant virus vector according to Claim 2, wherein a point mutation which changes the 8th U (uracil) of the 2b ORF to A (adenine) is introduced.

4. The plant virus vector according to Claim 2, wherein a region comprising StuI-stop-MluI-SnaBI is introduced into the StuI-AvrII region of pCY2.

5. The plant virus vector according to Claim 1, wherein the CMV is a CMV isolate belonging to subgroup 1 and subgroup 2, represented by CMV-Y, SSV, CMV-O, CMV-L, m2-CMV and HL-CMV.

6. A gene recombinant characterized in that a foreign gene is introduced into the StuI site and MluI region of the plant virus vector defined in Claim 4.

7. A method of gene expression in plants characterized in that a foreign gene is introduced so as to be stably expressed in a plant using the gene recombinant defined in Claim 6.